Group members: Marwane Bidamou (4), Eduard Koshkelyan (8), Roshan Maharjan (11)

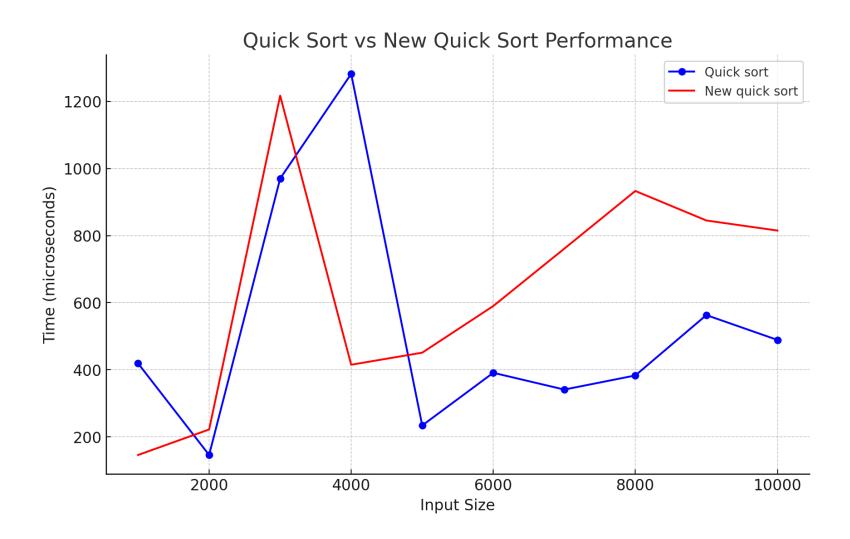# Time comparison for QuickSort and NewQuickSort

Quick Sort vs New Quick Sort Performance

Group members: Marwane Bidamou (4), Eduard Koshkelyan (8), Roshan Maharjan (11)

Quick sort for size 1000 which took 419 microseconds.
New quick sort for size 1000 which took 146 microseconds.

Quick sort for size 2000 which took 146 microseconds.
New quick sort for size 2000 which took 222 microseconds.

Quick sort for size 3000 which took 970 microseconds.
New quick sort for size 3000 which took 1217 microseconds.

Quick sort for size 4000 which took 1282 microseconds.
New quick sort for size 4000 which took 415 microseconds.

Quick sort for size 5000 which took 234 microseconds.
New quick sort for size 5000 which took 451 microseconds.

Quick sort for size 6000 which took 391 microseconds.
New quick sort for size 6000 which took 590 microseconds.

Quick sort for size 7000 which took 341 microseconds.
New quick sort for size 7000 which took 761 microseconds.

Quick sort for size 8000 which took 383 microseconds.
New quick sort for size 8000 which took 933 microseconds.

Quick sort for size 9000 which took 563 microseconds.
New quick sort for size 9000 which took 845 microseconds.

Quick sort for size 10000 which took 489 microseconds.
New quick sort for size 10000 which took 815 microseconds.